

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 7823 | (determin\$4 or discrimin\$4) with (state near3 machine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:27 |
| L2 | 45 | 1 same (storage near4 (system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:14 |
| L3 | 150 | 1 with (exist\$3 or present) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:24 |
| L4 | 45 | 2 same (storage near4 system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:25 |
| L5 | 0 | 3 same (storage near4 system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:25 |
| L6 | 2 | (determin\$4 or discrimin\$4) with (offload near3 module) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:28 |
| L7 | 156 | (determin\$4 or discrimin\$4) with (offload) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:28 |
| L8 | 9 | 7 same (storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:55 |

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| L9 | 59 | "6141759" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:55 |
| L10 | 2 | "6141759".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:37 |
| L11 | 2 | "20050114557" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:33 |
| L12 | 1 | 11 and (online adj multiple) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:33 |
| L13 | 0 | 10 and ((multiple or plurality) near3 disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:38 |
| L14 | 1481 | ((multiple or plurality) near3 disk) with ID | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:39 |
| L15 | 338 | 14 and (storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:39 |
| L16 | 83 | 14 same storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:54 |

| | | | | | | |
|-----|------|---|--|----|----|------------------|
| L17 | 0 | "20020062387" and ((Disk or drive) with ID) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:42 |
| L18 | 0 | "20020062387" and (ID) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:43 |
| L19 | 0 | "6141759".pn. and ID | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 13:43 |
| L20 | 3 | (storage near4 (disk or drive)) with (multiple near5 (ID or IDs)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:03 |
| L21 | 5977 | ((disk or drive) adj2 ID) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:03 |
| L22 | 362 | 21 same (controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:04 |
| L23 | 12 | 22 same (simultaneous\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:14 |
| L24 | 2978 | (simultaneous\$3 or coexist\$3 or synchronic or synchronous or concurr\$3) near3 ID | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:15 |

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| L25 | 167 | 24 with (disk or drive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:16 |
| L26 | 64 | 24 with (disk) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:17 |
| L27 | 59 | 24 with (disk) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 14:59 |
| L28 | 2945 | ((simultaneous\$4 or cocurrent\$4) near3 read\$4) with (id or identification or address) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:05 |
| L29 | 4 | 28 same (storage near2 disk) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:00 |
| L30 | 2945 | ((simultaneous\$4) near3 read\$4) with (id or identification or address) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:06 |
| L31 | 74 | 30 same (disks or (hard adj2 drive)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:15 |
| L32 | 94 | 30 same (magnetic or (hard adj2 drive)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:49 |

| | | | | | | |
|-----|-------|--|--|----|----|------------------|
| L33 | 87086 | (plurality near4 disk) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 15:49 |
| L34 | 62 | 33 with (simultaneous\$3 with (id or address)) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:05 |
| L35 | 8 | "5835703" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:07 |
| L36 | 7 | 35 and simultaneously | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:06 |
| L37 | 2 | "5835703".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:07 |
| L38 | 2 | "20020062387" and (RAID) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:18 |
| L39 | 1 | "20050114557" and (inter-disk) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:19 |
| L40 | 1 | "20050114557" and (inter near2 disk) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:20 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| L41 | 271 | inter-disk | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:20 |
| L42 | 4 | (inter-disk) adj2 copy | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:25 |
| L43 | 0 | ("20020062387" or ("5835703".pn.)) and copy | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:57 |
| L44 | 0 | ("20020062387") and (copy or read/write or duplicate) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:58 |
| L45 | 1 | ("20020062387") and (read or write) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 16:58 |
| S1 | 97 | ("6925531" "6859896" "6819560" "6862173" "5887128" "6098114" "6134630" "6138176" "6301625" "5754567" "6292868" "6438665" "6601211" "6199122" "6948036" "6961813" "6772108" "6853546" "6856508" "5875458" "5923839" "5517649" "6175919" "6490635" "5402428" "5608891" "5880955" "5974502" "6243824" "5590336" "5928372" "6938104" "5603056" "5799168" "5937423" "6260102" "6279069" "6421760" "6549981" "6000020" "6073218" "6381674" "5761411" "5898637" "5815458" "5860089" "5923876" "5959897" "6047352" "6393561").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/31 15:11 |
| S2 | 2 | "6360693".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 13:28 |

| | | | | | | |
|-----|-----|------------------------|---|----|-----|------------------|
| S3 | 650 | (ATA near4 controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 13:58 |
| S4 | 22 | "5905885" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:01 |
| S5 | 2 | "6381675".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:05 |
| S6 | 1 | S5 and (ATA) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:05 |
| S7 | 1 | S6 and (controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:05 |
| S8 | 0 | S7 and (FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:06 |
| S9 | 0 | S7 and (Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:06 |
| S10 | 2 | "6421760".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:06 |

| | | | | | | |
|-----|---|---|---|----|-----|------------------|
| S11 | 0 | S10 and (ATA and (FC or fibre)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:06 |
| S12 | 0 | "6526458".pn. and (ATA and (Fibre or FC)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:07 |
| S13 | 1 | "6834326".pn. and (ATA and Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:49 |
| S14 | 0 | "0041278".pn. and (ATA and Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:45 |
| S15 | 0 | "0046472".pn. and (ATA and Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:46 |
| S16 | 0 | "0010660".pn. and (ATA and Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:46 |
| S17 | 2 | "0010660".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:46 |
| S18 | 0 | "0097271".pn. and (ATA and Fibre) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:46 |

| | | | | | | |
|-----|----|---|--|----|-----|------------------|
| S19 | 23 | (ATA near4 controller) with (Fibre or FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:52 |
| S20 | 93 | (ATA with controller) with (Fibre or FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/31 16:33 |
| S21 | 2 | "20020062387" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 16:54 |
| S22 | 0 | S21 and (offload) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 16:54 |
| S23 | 1 | S21 and ((read/write) or (read or write)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 12:54 |
| S24 | 2 | "20020062387" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 12:56 |
| S25 | 0 | S24 and (parity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 12:56 |
| S26 | 0 | S24 and (module) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 14:00 |

| | | | | | | |
|-----|----|---|---|----|-----|------------------|
| S27 | 1 | S24 and read | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 12:56 |
| S28 | 0 | S24 and table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 14:00 |
| S29 | 93 | (ATA with controller) with (Fibre or FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 17:31 |
| S30 | 4 | S29 same table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 18:24 |
| S31 | 1 | S29 same optimal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 18:27 |
| S32 | 2 | "6421760".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/31 16:30 |
| S33 | 95 | (ATA with controller) with (Fibre or FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/31 16:34 |
| S34 | 76 | S33 and (lookup or look\$up or table or commands) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 12:57 |

| | | | | | | |
|-----|----|---|--|----|-----|------------------|
| S35 | 1 | (ATA same FC) same ((select\$2 or chosen or few) near4 (command or commands)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 13:11 |
| S36 | 3 | (ATA near4 FC) same ((select\$2 or chosen or few or not\$all) with (command or commands or table or tables or array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 13:25 |
| S37 | 8 | (ATA\$FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 13:26 |
| S38 | 56 | (ATA near2 FC) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/01 13:26 |
| S39 | 9 | S38 same ((List or array or Linked\$list or queue or LUT or table\$2) near5 command) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 13:32 |
| S40 | 9 | ((ATA with FC) with (conversion or convert)) same ((List or array or Linked\$list or queue or LUT or table\$2) near5 command) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 13:34 |
| S41 | 1 | ((ATA with FC) with (conversion or convert)) same ((List or Linked\$list or queue or LUT or table\$2) with command) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 13:35 |
| S42 | 1 | ((ATA with FC) with (conversion or convert)) same ((List or Linked\$list or queue or LUT or table\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 13:35 |

| | | | | | | |
|-----|----|--|--|----|----|------------------|
| S43 | 1 | ((ATA with FC) same (conversion or convert)) same ((List or Linked\$list or queue or LUT or table\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 14:21 |
| S44 | 19 | ((ATA near4 FC) with (conversion or convert or exchange)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 14:40 |
| S45 | 14 | S44 and table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 14:42 |
| S46 | 19 | S44 and (table with command or commands) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 14:42 |
| S47 | 13 | S44 and (table with (command or commands or instruction)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:55 |
| S48 | 1 | "20020062387" and ((read or write) near6 (storage)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:58 |
| S49 | 0 | "20020062387" and ((read or write) near6 (reigster)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 16:58 |
| S50 | 1 | "20020062387" and ((read or write) near6 (register)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 12:12 |